

What is claimed is:

1. A system for automatically updating the revision level of programmable devices comprising:

5 a master programmable device having pulse receiving logic and a memory space operatively disposed therein; and

at least one slave programmable device having pulse generating logic operatively disposed therein, said slave programmable device coupled to said master programmable device through an interface and configured to send revision information to said master programmable device.

10 2. The system of claim 1, wherein said memory space further includes a revision register containing one or more memory locations, each said memory location corresponding to a slave programmable device.

3. The system of claim 1, wherein said revision information comprises a pulse stream corresponding to the revision level of a slave programmable device.

15 4. A system for collecting programmable device revision information comprising:

means for sending, by said system, a reset signal to a master programmable device and at least one slave programmable device thereby placing

all programmable devices in a known good condition;

means for sending, by said at least one slave programmable device,  
revision information to said master programmable device;

means for receiving, by said master programmable device, said

5 revision information; and

means for storing, by said master programmable device, said  
revision information.

5. The system of claim 4, wherein said means for storing comprises a  
revision register containing one or more memory locations, each said memory  
10 location corresponding to a slave programmable device.

6. The system of claim 4, wherein said revision information comprises  
a pulse stream corresponding to the revision level of a slave programmable device.

7. A method for updating programmable device revision information in  
a system having a master programmable device and at least one slave  
15 programmable device, comprising:

resetting all devices in said system;

sending revision information from said at least one slave  
programmable device to said master programmable device; and

storing said revision information on said master programmable

device.

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